

Title (en)
Clothing dryer

Title (de)
Wäschetrockner

Title (fr)
Sèche-linge

Publication
EP 1557488 A1 20050727 (EN)

Application
EP 04255702 A 20040920

Priority
KR 20040004094 A 20040120

Abstract (en)
A clothing dryer in which hot air to be supplied into a drum (20) has a uniform temperature distribution over a flow section thereof, thereby being capable of obtaining an enhancement in drying efficiency while preventing clothing contained in the drum (20) from being damaged by the hot air. The clothing dryer includes a drum (20) to receive clothes to be dried, a heating duct (30) to generate hot air to be supplied into the drum (20), a hot air duct (40) to guide the hot air generated from the heating duct (30) to the drum (20), and a vortex generating blade (60) to generate a vortex flow in air passing through the hot air duct (40). <IMAGE>

IPC 1-7
D06F 58/20

IPC 8 full level
D06F 58/04 (2006.01); **D06F 58/20** (2006.01)

CPC (source: EP KR US)
D06F 58/04 (2013.01 - KR); **D06F 58/20** (2013.01 - EP KR US); **Y02B 40/00** (2013.01 - KR)

Citation (search report)

- [PX] EP 1398407 A2 20040317 - ANDREW CORP [CH]
- [A] GB 2089952 A 19820630 - BOSCH SIEMENS HAUSGERAETE
- [A] DE 19644711 A1 19980430 - AEG HAUSGERAETE GMBH [DE]

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1557488 A1 20050727; CN 1644787 A 20050727; KR 20050076213 A 20050726; US 2005155251 A1 20050721

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EP 04255702 A 20040920; CN 200410080324 A 20040929; KR 20040004094 A 20040120; US 93663804 A 20040909